

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A server computing system comprising:
an application running on hardware within the server computer system,
the application comprising:
a persistent process that generates dynamic and interactive
hypertext markup language (HTML) content for the application; and,
a plurality of transient processes, wherein each transient process is
launched to handle a client request from a client by parsing the client request,
forwarding the client request to the persistent process, capturing a result from
the persistent process and forwarding the result to the client;
wherein the persistent process performs background processing when no
client requests are pending, the background processing including caching in
memory.
2. (Previously Presented) A server computing system as in claim 1
wherein the persistent process utilizes a support process outside the server.
3. (Previously Presented) A server computing system as in claim 1
wherein the transient processes implement a Common Gateway Interface (CGI).

4. (Previously Presented) A server computing system as in claim 1 wherein the persistent process includes a request queue.

5. (Canceled)

6. (Previously Presented) A server computing system as in claim 1 wherein each of the plurality of transient processes terminates after forwarding the result to the client.

7. (Previously Presented) A server computing system as in claim 1 wherein when a first client sends a file request for a file, a first transient process obtains and forwards the file to the first client.

8. (Previously Presented) A server computing system as in claim 1 wherein when a first client sends a file request for a file, a first transient process, after verifying access to the file, obtains and forwards the file to the first client.

9. (Previously Presented) A server computing system as in claim 1 wherein the plurality of transient processes communicate with the persistent process via Interprocess Communication (IPC).

10. (Currently Amended) A server computing system as in claim 1 wherein the caching in memory performed by the persistent process is persistent

~~process performs background processing when there are no pending client requests, the background processing including look-ahead caching.~~

11. (Previously Presented) A server computing system as in claim 1 wherein the persistent process uses a queue to process client requests forwarded by the plurality of transient processes to the persistent process.

12. (Previously Presented) A computer implemented method performed within a server, the method comprising the following:

(a) running a persistent process that generates dynamic and interactive hypertext markup language (HTML) content for an application, the persistent process performing background processing when no client requests are pending, the background processing including caching in memory; and,

(b) for each of a plurality of client requests, performing the following:

- (b.1) launching a transient process to handle each client request,
- (b.2) parsing each client request by the transient process,
- (b.3) forwarding the client request to the persistent process,
- (b.4) capturing a result from the persistent process, and
- (b.5) forwarding the result to a client.

13. (Previously Presented) A computer implemented method as in claim 12 wherein (a) includes the following:

(a.1) utilizing, by the persistent process, a support process outside the server.

14. (Previously Presented) A computer implemented method as in claim 12 wherein the transient processes implement a Common Gateway Interface (CGI).

15. (Canceled)

16. (Previously Presented) A computer implemented method as in claim 12 wherein (b) additionally includes the following:

(b.6) terminating the transient process after forwarding the result to the client.

17. (Previously Presented) A computer implemented method as in claim 12 additionally comprising the following:

(c) when a first client sends a file request for a file, performing the following:

(c.1) obtaining, by a first transient process, the file, and

(c.2) forwarding, by the first transient process, the file to the first client.

18. (Previously Presented) A computer implemented method as in claim 12 additionally comprising the following:

(c) when a first client sends a file request for a file, performing the following:

(c.1) verifying a right of the first client to access the file,

(c.2) obtaining, by a first transient process, the file, and

(c.3) forwarding, by the first transient process, the file to the first client.

19. (Currently Amended) A computer implemented method as in claim 12 wherein the caching in memory performed by the persistent process is~~(a) includes the following:~~

~~— (a.1) performing, by the persistent process, background processing when there are no pending client requests, the background processing including look-ahead caching.~~

20. (Previously Presented) A computer implemented method as in claim 12 wherein (a) includes the following:

(a.1) using a queue to process client requests forwarded to the persistent process.

21. (Previously Presented) Storage media that stores a computer application, the computer application, when executed on a computing system, comprising:

a persistent process that generates dynamic and interactive hypertext markup language (HTML) content for the computer application; and,

a plurality of transient processes, wherein each transient process is launched to handle a client request from a client by parsing the client request, forwarding the client request to the persistent process, capturing a result from the persistent process and forwarding the result to the client;

wherein the persistent process performs background processing when no client requests are pending, the background processing including caching in memory.

22. (Canceled)

23. (Original) Storage media as in claim 21 wherein each of the plurality of transient processes terminates after forwarding the result to the client.

24. (Original) Storage media as in claim 21 wherein when a first client sends a file request for a file, a first transient process obtains and forwards the file to the first client.

25. (Currently Amended) Storage media as in claim 21 wherein the caching in memory performed by the persistent process is~~the persistent process performs background processing when there are no pending client requests, the background processing including~~ look-ahead caching.

26. (Original) Storage media as in claim 21 wherein the persistent process uses a queue to process client requests forwarded by the plurality of transient processes to the persistent process.